

SEQUENCE LISTING

<110> Rayapati, P. John
Crafton, Corey M.

<120> Nucleotide Sequences for Transcriptional Regulation in
Corynebacterium glutamicum

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<151> 2000-11-15

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<213> *Corynebacterium glutamicum*

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<213> *Corynebacterium glutamicum*

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<213> *Corynebacterium glutamicum*

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<213> Corynebacterium glutamicum

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<213> Corynebacterium glutamicum

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0907263-4464
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285 290 295

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09876543210

[illegible]

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Ala	Val	His	Asn	Leu	Leu	Ala	Gln	Arg	Val	Ser	Gly	Leu	Ile	Ile	Asn						
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Asn	Val	Pro	Ala	Leu	Phe	Leu	Asp	Val	Ser	Asp	Gln	Thr	Pro	Ile	Asn						
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agt	att	att	ttc	tcc	cat	gaa	gac	ggt	acg	cga	ctg	ggc	gtg	gag	cat	528					
Ser	Ile	Ile	Phe	Ser	His	Glu	Asp	Gly	Thr	Arg	Leu	Gly	Val	Glu	His						
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Leu	Val	Ala	Leu	Gly	His	Gln	Gln	Ile	Ala	Leu	Leu	Ala	Gly	Pro	Leu						
			180				185				190										
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Ser	Ser	Val	Ser	Ala	Arg	Leu	Arg	Leu	Ala	Gly	Trp	His	Lys	Tyr	Leu						
			195				200				205										
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Thr	Arg	Asn	Gln	Ile	Gln	Pro	Ile	Ala	Glu	Arg	Glu	Gly	Asp	Trp	Ser						
			210				215				220										
gcc	atg	tcc	ggt	ttt	caa	caa	acc	atg	caa	atg	ctg	aat	gag	ggc	atc	720					
Ala	Met	Ser	Gly	Phe	Gln	Gln	Thr	Met	Gln	Met	Leu	Asn	Glu	Gly	Ile						
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gta gtg gga tac gac gat acc gaa gac agc tca tgt tat atc ccg ccg 864
Val Val Gly Tyr Asp Asp Thr Glu Asp Ser Ser Cys Tyr Ile Pro Pro
275 280 285

tca acc acc atc aaa cag gat ttt cgc ctg ctg ggg caa acc agc gtg 912
Ser Thr Thr Ile Lys Gln Asp Phe Arg Leu Leu Gly Gln Thr Ser Val
290 295 300

gac cgc ttg ctg caa ctc tct cag ggc cag gcg gtg aag ggc aat cag 960
Asp Arg Leu Leu Gln Leu Ser Gln Gly Gln Ala Val Lys Gly Asn Gln
305 310 315 320

ctg ttg ccc gtc tca ctg gtg aaa aga aaa acc acc ctg gcg ccc aat 1008
Leu Leu Pro Val Ser Leu Val Lys Arg Lys Thr Thr Leu Ala Pro Asn
325 330 335

acg caa acc gcc tct ccc cgc gcg ttg gcc gat tca tta atg cag ctg 1056
Thr Gln Thr Ala Ser Pro Arg Ala Leu Ala Asp Ser Leu Met Gln Leu
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35 40 45

Asn Tyr Ile Pro Asn Arg Val Ala Gln Gln Leu Ala Gly Lys Gln Ser
50 55 60

Leu Leu Ile Gly Val Ala Thr Ser Ser Leu Ala Leu His Ala Pro Ser
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Gln Ile Val Ala Ala Ile Lys Ser Arg Ala Asp Gln Leu Gly Ala Ser
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Val Val Val Ser Met Val Glu Arg Ser Gly Val Glu Ala Cys Lys Ala

1056-1092

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Val	Pro	Thr	Ala	Met	Leu	Val	Ala	Asn	Asp	Gln	Met	Ala	Leu	Gly	Ala	
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Met	Arg	Ala	Ile	Thr	Glu	Ser	Gly	Leu	Arg	Val	Gly	Ala	Asp	Ile	Ser	
			260					265					270			
Val	Val	Gly	Tyr	Asp	Asp	Thr	Glu	Asp	Ser	Ser	Cys	Tyr	Ile	Pro	Pro	
		275					280					285				
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	290					295					300					
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305					310					315					320	
Leu	Leu	Pro	Val	Ser	Leu	Val	Lys	Arg	Lys	Thr	Thr	Leu	Ala	Pro	Asn	
				325					330					335		
Thr	Gln	Thr	Ala	Ser	Pro	Arg	Ala	Leu	Ala	Asp	Ser	Leu	Met	Gln	Leu	
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Ala Arg Gln Val Ser Arg Leu Glu Ser Gly Gln
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<211> 1511

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cgccttcagt ttgggctact tggttctggg cgaaaaattc caagtcgtgg actgggaatg 180
gatcgccatg ggcatcgac tcttggtgat gattgtttcc accattgcac tgtctcgtac 240
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1057789866

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ttcgccgcgg cgggtcccag aggtcttaac acgaccggca tcccgtcgcg gagtttggtg 480
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<210> 34

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<210> 35

<211> 500

<212> DNA

<213> Corynebacterium glutamicum

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cgttgtggaa ttggaaactc gatgtgtgta gcatgacaca ccatgaccat tattcgactt 240
gtagtagtaa ccgcgcggcg cctgcctgaa cggccttcca agtcgtctcg tcaagcgccc 300

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Figure 1 consists of 12 bar charts, labeled (a) through (l), each representing a different fish species. The species are: (a) Atlantic croaker, (b) Striped bass, (c) Weakfish, (d) Spot, (e) Blue crab, (f) Rockfish, (g) Atlantic silverside, (h) Atlantic herring, (i) Atlantic menhaden, (j) Atlantic bluefish, (k) Atlantic tomcod, and (l) Atlantic silverside. Each chart shows the percentage of total catch for that species from 1990 to 2001. The y-axis for all charts is 'Percentage of total catch' and ranges from 0 to 100. The x-axis is 'Year' and ranges from 1990 to 2001. Each bar represents the mean percentage for that year, and error bars indicate the standard error. The data shows varying trends for each species over the 12-year period.